

10/096136

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Search

L Number	Hits	Search Text	DB	Time stamp
-	0	((("6587680") or ("6577609") or ("6377608") or ("6259405") or ("6363267") or ("6505045") or ("6580704") or ("6636737") or ("5636140") or ("6067297") or ("6704789") or ("5958018") or ("5513263") or ("5970062") or ("6222494") or ("6222494") or ("5890055") or ("5819178") or ("6094573") or ("6560448") or ("6167279") or ("6345043") or ("6188681") or ("5999812") or ("6477156") or ("5987062") or ("5509027") or ("5513210") or ("5583866") or ("6330244") or ("5594731") or ("5654959") or ("5812531") or ("5901362") or ("5907542") or ("5566225") or ("6065120") or ("6233608") or ("6272129") or ("6466571") or ("6633761") or ("5991287") or ("6292833") or ("6477370") or ("5768695") or ("5329531") or ("6490254") or ("5636220") or ("5835061") or ("5969678")).PN.) and (wireless adj application)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 13:13
-	2	((("6587680") or ("6577609") or ("6377608") or ("6259405") or ("6363267") or ("6505045") or ("6580704") or ("6636737") or ("5636140") or ("6067297") or ("6704789") or ("5958018") or ("5513263") or ("5970062") or ("6222494") or ("6222494") or ("5890055") or ("5819178") or ("6094573") or ("6560448") or ("6167279") or ("6345043") or ("6188681") or ("5999812") or ("6477156") or ("5987062") or ("5509027") or ("5513210") or ("5583866") or ("6330244") or ("5594731") or ("5654959") or ("5812531") or ("5901362") or ("5907542") or ("5566225") or ("6065120") or ("6233608") or ("6272129") or ("6466571") or ("6633761") or ("5991287") or ("6292833") or ("6477370") or ("5768695") or ("5329531") or ("6490254") or ("5636220") or ("5835061") or ("5969678")).PN.) and (wap)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 13:13
-	19	34/457.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/18 10:30
-	773	342/457.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/18 10:30
-	773	342/457.ccls. and ay<=2002	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/18 10:31
-	136	(342/457.ccls. and ay<=2002) and (authoriz\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/18 10:39
-	3	((342/457.ccls. and ay<=2002) and (authoriz\$5)) and (credit adj card)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/18 10:31
-	1		USPAT	2004/03/18 10:31
-	1		USPAT	2004/03/18 10:32
-	1		USPAT	2004/03/18 10:32

-	1		USPAT	2004/03/18 10:32
-	1		USPAT	2004/03/18 10:32
-	1		USPAT	2004/03/18 10:34
-	1		USPAT	2004/03/18 10:37
-	1		USPAT	2004/03/18 10:37
-	1		USPAT	2004/03/18 10:37
-	1	((342/457.ccls. and ay<=2002) and (authoriz\$5)) and (non near authoriz\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT	2004/03/18 10:39
-	49	((("6587680") or ("6577609") or ("6377608") or ("6259405") or ("6363267") or ("6505045") or ("6580704") or ("6636737") or ("5636140") or ("6067297") or ("6704789") or ("5958018") or ("5513263") or ("5970062") or ("6222494") or ("6222494") or ("5890055") or ("5819178") or ("6094573") or ("6560448") or ("6167279") or ("6345043") or ("6188681") or ("5999812") or ("6477156") or ("5987062") or ("5509027") or ("5513210") or ("5583866") or ("6330244") or ("5594731") or ("5654959") or ("5812531") or ("5901362") or ("5907542") or ("5566225") or ("6065120") or ("6233608") or ("6272129") or ("6466571") or ("6633761") or ("5991287") or ("6292833") or ("6477370") or ("5768695") or ("5329531") or ("6490254") or ("5636220") or ("5835061") or ("5969678"))).PN.		2004/03/18 10:40

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10090136\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10090136 on March 10, 2004

- 11 370/338 (5 OR, 6 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/338 ..Contiguous regions interconnected by a local  
area network
- 5 370/331 (3 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/331 ...Hand-off control
- 5 455/437 (0 OR, 5 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/437 ...Mobile assisted or initiated
- 4 370/349 (0 OR, 4 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via time  
channels  
370/349 ..Using messages having an address field as  
header
- 4 370/401 (1 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address  
header  
370/400 ..Having a plurality of nodes performing  
distributed switching  
370/401 ...Bridge or gateway between networks
- 3 342/457 (3 OR, 0 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

10090136 CLSTITLES  
AND DEVICES

342/350 DIRECTIVE  
342/450 .Position indicating (e.g., triangulation)  
342/457 ..Land vehicle location (e.g., bus, police car

3 342/463 (0 OR, 3 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/450 .Position indicating (e.g., triangulation)  
342/463 ..Having plural transmitters or receivers

3 370/311 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/311 .Signaling for performing battery saving

3 370/312 (2 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/312 .Message addressed to multiple destinations

3 455/436 (1 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff

3 455/439 (0 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/439 ...Handoff initiated by another source (e.g.,  
target, user initiated, mobile switching ce

nter (MSC), or  
mobile telephone switching office (MTSO), e  
tc.)

3 455/446 (0 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/446 ..Including cell planning or layout

3 713/201 (1 OR, 2 XR)  
Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING

## 10090136\_CLSTITLES

## SYSTEMS: SUPPORT

713/200

SECURITY

713/201

.Computer network

- 2 342/464 (0 OR, 2 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/450 .Position indicating (e.g., triangulation)  
342/463 ..Having plural transmitters or receivers  
342/464 ...Plural transmitters only
- 2 343/727 (0 OR, 2 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/725 .Plural separate diverse type  
343/727 ..Including balanced doublet-type antenna
- 2 343/790 (2 OR, 0 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/790 .Active sleeve surrounds feed line
- 2 343/792 (0 OR, 2 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/790 .Active sleeve surrounds feed line  
343/792 ..Doublet type
- 2 343/795 (0 OR, 2 XR)  
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
343/700R ANTENNAS  
343/793 .Balanced doublet - centerfed (e.g., dipole)  
343/795 ..Sheet or wing type
- 2 370/329 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment
- 2 370/332 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment

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370/331 ...Hand-off control  
 370/332 ....Based upon a particular signal quality measurement

- 2 370/352 (1 OR, 1 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/352 .Combined circuit switching and packet switching
- 2 370/389 (1 OR, 1 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/389 .Switching a message which includes an address header
- 2 370/913 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/912 PACKET COMMUNICATIONS  
 370/913 .Wireless or radio
- 2 375/134 (1 OR, 1 XR)  
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/130 SPREAD SPECTRUM  
 375/132 .Frequency hopping  
 375/133 ..End-to-end transmission system  
 375/134 ...Having specific code acquisition or trackin

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- 2 455/161.1 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER  
 455/150.1 .Signal selection based on frequency (e.g., tuning)  
 455/161.1 ..Frequency scanning
- 2 455/403 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM
- 2 455/411 (1 OR, 1 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/410 .Security or fraud prevention  
 455/411 ..Privacy, lock-out, or authentication

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2 455/422.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/422.1 .Zoned or cellular telephone system

2 455/434 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/422.1 .Zoned or cellular telephone system  
 455/434 ..Control or access channel scanning

2 455/445 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/422.1 .Zoned or cellular telephone system  
 455/445 ..Call routing (e.g., to prevent backhaul,  
 routing efficiency, least cost, or alternat

e routing)

2 709/225 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
 709/223 .Computer network managing  
 709/225 ..Computer network access regulating

2 713/202 (0 OR, 2 XR)

Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/200 SECURITY  
 713/202 .Password

abstract 1  
 access 12  
 accessed 1  
 accessing 1  
 act 1  
 additionally 1  
 algorithm 1  
 algorithms 1  
 allow 2  
 allowed 1  
 already 1  
 also 1  
 an 18  
 and 22  
 ap 14  
 apparatus 2  
 aps 1  
 are 1  
 area 5  
 as 2  
 assertion 1  
 association 3  
 at 1  
 attempts 1  
 authentic 1  
 authentication 10  
 authorized 8  
 background 1  
 be 7  
 been 1  
 begin 1  
 being 1  
 between 5  
 beyond 1  
 bridge 1  
 broadcasted 1  
 by 5  
 can 2  
 capabilities 2  
 catton 1  
 channel 1  
 choose 1  
 communicate 3  
 communication 2  
 communications 5  
 communicatively 1  
 completes 1  
 compliant 4



computer 1  
 computers 1  
 connectivity 1  
 corporation 2  
 coupled 1  
 data 2  
 decides 1  
 default 1  
 delivered 1  
 denied 1  
 deployed 1  
 described 1  
 desired 1  
 developed 1  
 device 4  
 devices 14  
 dne 1  
 domain 2  
 echanism 1  
 electrical 1  
 electronics 1  
 embodiment 2  
 enable 2  
 engineers 1  
 enhanced 1  
 entry 1  
 establish 1  
 example 1  
 exchanging 1  
 existing 1  
 extensions 1  
 field 1  
 find 1  
 first 1  
 for 11  
 form 1  
 found 1  
 frames 1  
 free 1  
 from 3  
 function 1  
 gateway 1  
 generally 1  
 handshakes 2  
 has 3  
 have 1  
 herein 1  
 identity 2

ieee 9  
if 1  
improve 1  
in 5  
including 1  
independent 1  
information 4  
infrastructure 4  
initialization 1  
instance 1  
institute 1  
interface 3  
interfaces 1  
into 1  
invention 3  
involves 1  
is 11  
it 5  
its 9  
itself 2  
join 3  
key 3  
know 1  
least 1  
level 1  
limit 1  
list 1  
listen 2  
local 5  
locate 2  
low 1  
lx 1  
machine 1  
manage 2  
may 11  
meanwhile 1  
mechanism 1  
medium 1  
member 1  
message 2  
methcd 1  
method 1  
methods 1  
mobile 10  
mobility 1  
modes 1  
more 1  
mu 13

mus 1  
negotiate 1  
network 25  
networks 4  
non 3  
nonauthorized 1  
not 1  
ntis 2  
null 1  
obtain 1  
ocher 1  
of 15  
on 1  
once 2  
one 2  
only 1  
open 2  
operation 1  
or 14  
order 1  
other 3  
otherwise 1  
out 1  
outside 1  
over 4  
parameters 1  
particular 2  
password 1  
pay 2  
payment 1  
per 2  
permit 2  
point 4  
port 2  
possibly 1  
pre 5  
procedure 2  
proceeds 1  
process 1  
protect 1  
protocol 2  
prove 1  
provide 2  
provided 2  
provides 3  
providing 1  
public 3  
readable 1

receiving 1  
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 registered 2  
 relates 2  
 request 2  
 require 1  
 responds 1  
 response 1  
 result 1  
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 secret 2  
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 select 1  
 sending 2  
 service 1  
 services 12  
 set 1  
 shared 1  
 simple 1  
 since 1  
 solicit 1  
 specification 1  
 specified 1  
 standard 3  
 start 2  
 station 3  
 stations 1  
 subscribed 1  
 subsequent 1  
 successfully 1  
 such 3  
 supports 2  
 synchronizing 1  
 system 2  
 that 3  
 the 36  
 then 3  
 these 1  
 this 2  
 through 2  
 thus 2  
 tne 1  
 to 42  
 transparent 1  
 two 2  
 type 1

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types 1  
typical 2  
typically 2  
ulan 1  
unit 2  
units 1  
up 1  
upon 1  
use 2  
user 1  
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validation 1  
various 2  
via 1  
vjlan 1  
which 1  
will 1  
wired 3  
wireless 12  
wishes 1  
with 7  
within 5  
wlan 12  
wlj 1  
wlp 1  
would 3

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10090136\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10090136 on March 10, 2004

Original Classifications

5	370/338
3	342/457
3	370/331
2	343/790
2	370/312

Cross-Reference Classifications

6	370/338
5	455/437
4	370/349
3	342/463
3	370/311
3	370/401
3	455/439
3	455/446
2	342/464
2	343/727
2	343/792
2	343/795
2	370/329
2	370/331
2	370/332
2	370/913
2	455/161.1
2	455/403
2	455/422.1
2	455/434
2	455/436
2	455/445
2	709/225
2	713/201
2	713/202

Combined Classifications

11	370/338
5	370/331
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3	370/311
3	370/312

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3 455/436  
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2 370/352  
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2 455/422.1  
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2 709/225  
2 713/202

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PLUS Search Results for S/N 10090136, Searched March 10, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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